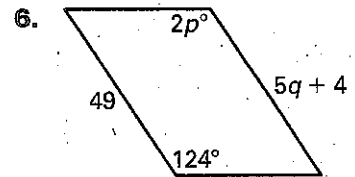
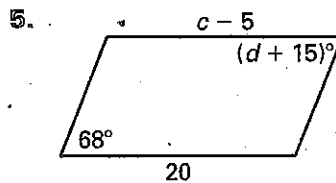
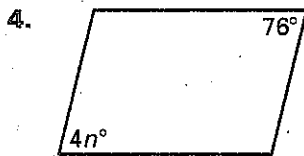
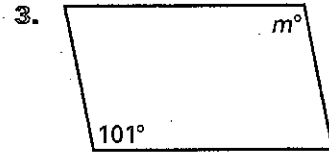
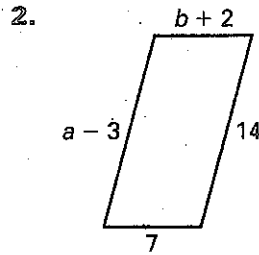
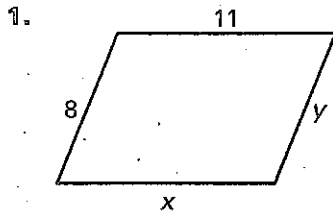


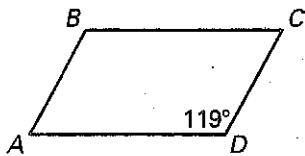
LESSON 5.8 Practice

Find the value of each variable in the parallelogram.

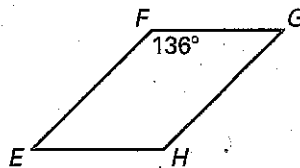


Find the measure of the indicated angle in the parallelogram.

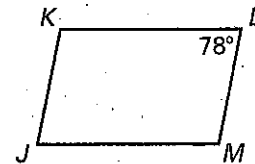
7. Find $m\angle C$.



8. Find $m\angle E$.



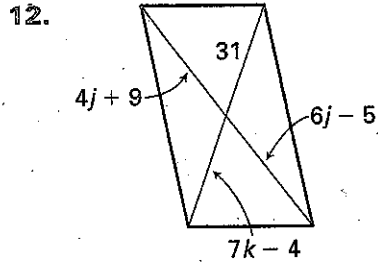
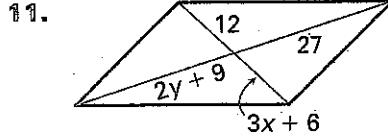
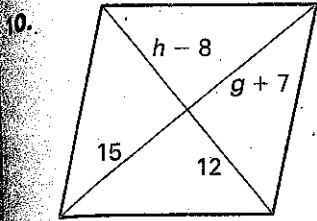
9. Find $m\angle K$.



LESSON
5.8

Practice *continued*

Find the value of each variable in the parallelogram.



Use the diagram of parallelogram $MNOP$ at the right to complete the statement. *Explain.*

13. $\overline{MN} \cong$ _____

14. $\overline{MN} \parallel$ _____

15. $\overline{ON} \cong$ _____

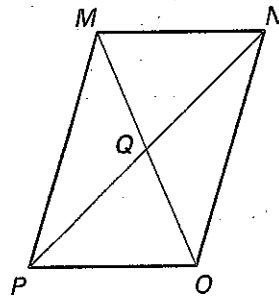
16. $\angle MPO \cong$ _____

17. $\overline{PQ} \cong$ _____

18. $\overline{QM} \cong$ _____

19. $\angle MQN \cong$ _____

20. $\angle NPO \cong$ _____



Find the indicated measure in $\square HIJK$. *Explain.*

21. HI

22. KH

23. GH

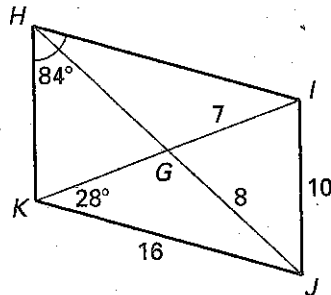
24. HJ

25. $m\angle KIH$

26. $m\angle JIH$

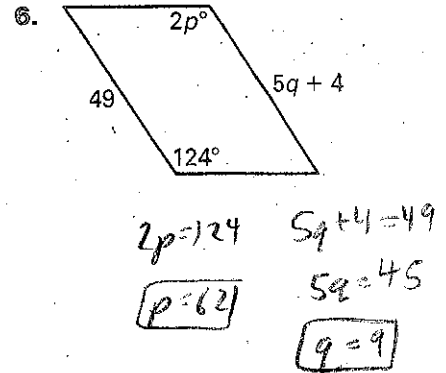
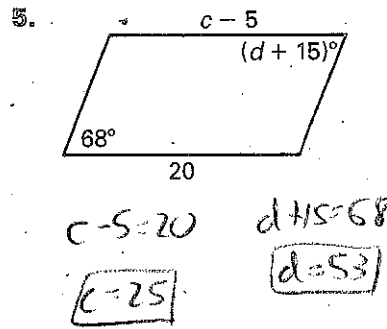
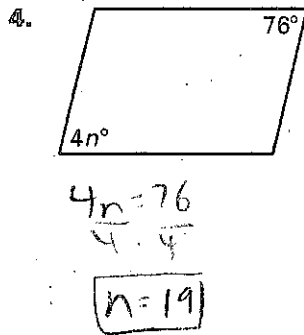
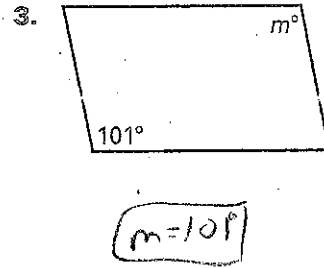
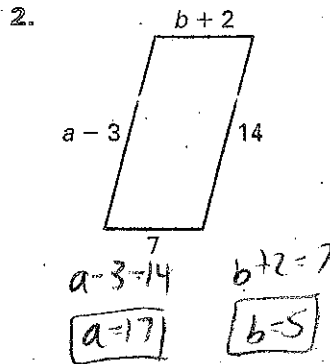
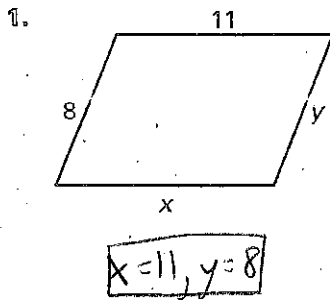
27. $m\angle KJI$

28. $m\angle HKI$

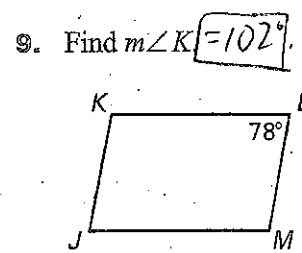
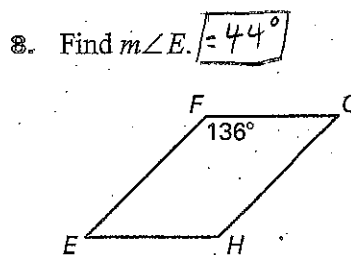
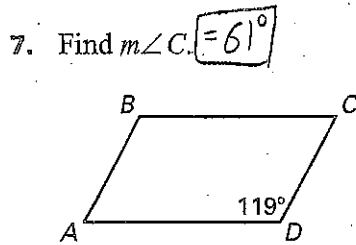


LESSON 5.8 Practice

Find the value of each variable in the parallelogram.



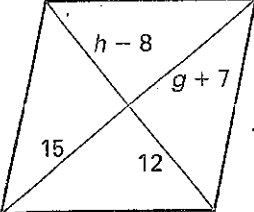
Find the measure of the indicated angle in the parallelogram.



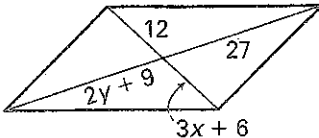
LESSON 5.8

Practice *continued*

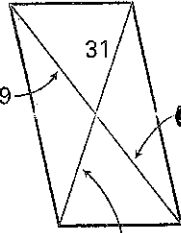
Find the value of each variable in the parallelogram.

10. 

$g+7=15$ $h-8=12$
 $g=8$ $h=20$

11. 

$3x+6=12$ $2y+9=27$
 $3x=6$ $2y=18$
 $x=2$ $y=9$

12. 

$4j+9=6j-5$ $7k-4=31$
 $14=2j$ $7k=35$
 $j=7$ $k=5$

Use the diagram of parallelogram *MNOP* at the right to complete the statement. *Explain.*

13. $\overline{MN} \cong \overline{PO}$

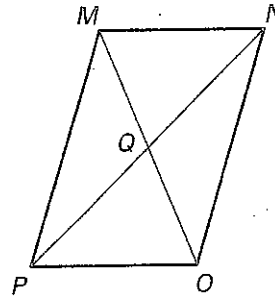
14. $\overline{MN} \parallel \overline{PO}$

15. $\overline{ON} \cong \overline{PM}$

16. $\angle MPO \cong \angle MNO$

17. $\overline{PQ} \cong \overline{QN}$

18. $\overline{QM} \cong \overline{QO}$



19. $\angle MQN \cong \angle PQO$

20. $\angle NPO \cong \angle MNP$
(alternate interior angles)

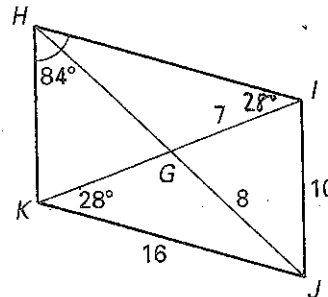
Find the indicated measure in $\square HIJK$. *Explain.*

21. $HI = 16$

22. $KH = 10$

23. $GH = 8$

24. $HJ = 16$



25. $m\angle KIH = 28^\circ$

26. $m\angle JIH = 96^\circ$

27. $m\angle KJI = 84^\circ$

28. $m\angle HKI = 68^\circ$

